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U.S. PTO

PTO/SB/05 (01-04)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	986.1012001
First Inventor	Anthony S. Wagner
Title	Molten Metal Reactor Utilizing Molten Metal Flow For Feed Material and ..
Express Mail Label No.	EL 962 817 805 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 26]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 4]
5. Oath or Declaration [Total Sheets 2]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee)
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.: 10/014,976.....

Prior application information: Examiner Peter J. Lish Art Unit: 1754
 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.
 The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS
 Customer Number: 35236 OR Correspondence address below

Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type)	Russell D. Culbertson	Registration No. (Attorney/Agent)	32,124
Signature			

This collection of information is required by 37 CFR 1.59(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL

for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 385.00)

Complete If Known

Application Number	Unknown
Filing Date	April 2, 2004
First Named Inventor	Anthony S. Wagner
Examiner Name	Unknown
Art Unit	Unknown
Attorney Docket No.	986.1012001

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None Deposit Account:

Deposit Account Number	
Deposit Account Name	

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001	2001	770	385	Utility filing fee	385.00
1002	2002	340	170	Design filing fee	
1003	2003	530	265	Plant filing fee	
1004	2004	770	385	Reissue filing fee	
1005	2005	160	80	Provisional filing fee	
SUBTOTAL (1)		(\$ 385.00)			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
16	-20** = 0	x 0	= 0
2	- 3** = 0	x 0	= 0
		0	= 0

Large Entity	Small Entity	Fee Description
1202	2202	18 9 Claims in excess of 20
1201	2201	86 43 Independent claims in excess of 3
1203	2203	290 145 Multiple dependent claim, if not paid
1204	2204	86 43 ** Reissue independent claims over original patent
1205	2205	18 9 ** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$ 0)

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

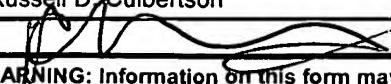
Large Entity	Small Entity	Fee Code (\$)	Fee Description	Fee Paid
1051	2051	130 65	Surcharge - late filing fee or oath	
1052	2052	50 25	Surcharge - late provisional filing fee or cover sheet	
1053	1053	130 130	Non-English specification	
1812	1812	2,520 2,520	For filing a request for ex parte reexamination	
1804	1804	920* 920*	Requesting publication of SIR prior to Examiner action	
1805	1805	1,840* 1,840*	Requesting publication of SIR after Examiner action	
1251	2251	110 55	Extension for reply within first month	
1252	2252	420 210	Extension for reply within second month	
1253	2253	950 475	Extension for reply within third month	
1254	2254	1,480 740	Extension for reply within fourth month	
1255	2255	2,010 1,005	Extension for reply within fifth month	
1401	2401	330 165	Notice of Appeal	
1402	2402	330 165	Filing a brief in support of an appeal	
1403	2403	290 145	Request for oral hearing	
1451	1451	1,510 1,510	Petition to institute a public use proceeding	
1452	2452	110 55	Petition to revive - unavoidable	
1453	2453	1,330 665	Petition to revive - unintentional	
1501	2501	1,330 665	Utility issue fee (or reissue)	
1502	2502	480 240	Design issue fee	
1503	2503	640 320	Plant issue fee	
1460	1460	130 130	Petitions to the Commissioner	
1807	1807	50 50	Processing fee under 37 CFR 1.17(q)	
1806	1806	180 180	Submission of Information Disclosure Stmt	
8021	8021	40 40	Recording each patent assignment per property (times number of properties)	
1809	2809	770 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	2810	770 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	2801	770 385	Request for Continued Examination (RCE)	
1802	1802	900 900	Request for expedited examination of a design application	
Other fee (specify) _____				

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0)

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Russell D. Culbertson	Registration No. (Attorney/Agent)	32,124	Telephone	512-327-8932
Signature				Date	April 2, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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